

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A computing system, said computing system comprising:

a communication link for bi-directionally providing a communication channel between a host computing device and a companion computing device,

the host computing device for providing multiple language support and user interface upgrade support to the companion computing device, wherein said host computing device has access to at least one database in which a plurality of messages are each stored in a plurality of different languages;

wherein said the companion computing device, comprising comprises substantially less memory resources than said host computing device, and said companion computing device comprises comprising a display device; a digitizer input system; and further comprises a control device that responds to a user request for one of said plurality of messages in a first one of said plurality of languages not initially supported by said companion device to transmit said request to said host computing device over said communication link; and

wherein said request comprises:

an indicator of a requested language;

a message to be converted into said requested language, wherein said message is provided in a language other than the requested language; and

display attributes for formatting a display of the requested message on the display device;

the at least one database comprising storage sufficient to store and convert the request;

wherein said host computing device comprises responds to a receipt of said request for the requested message by retrieving said message in said first requested language from said

memory the at least one database and converting the retrieved message into a bitmap representation that corresponds to the requested message in said first requested language[.].

wherein said host computing device transmits to said companion computing device the bitmap representation of the requested message in the requested language over said communication link for display on said companion the display device in said first requested language, wherein the requested message is comprised of comprises at least multiple characters of said requested language, wherein the requested message is formatted for said display device, and

wherein said companion computing device, without conversion from character codes to graphic elements, stores and presents the bitmap representation as a full screen image of the requested image message on said display device.

2. (Previously presented) The computing system of claim 1 wherein said requested message further comprises a character set of a graphic icon.

3 - 7 (Canceled)

8. (Previously presented) The computing system of claim 1 wherein said companion computing device stores the bitmap representation transmitted from said host computing device for later use.

9. (Currently amended) The computing system of claim 1 ~~wherein said companion computing device comprises a the digitizer input system having comprises~~ an electronic pen or stylus for handwritten information.

10. (Previously presented) The computing system of claim 1 wherein said communication link is a wired or wireless communication link.

11. (Currently amended) A method of providing language element support to a companion computing device from a host computing device, said method comprising the steps of:

transmitting receiving from said companion computing device a request [[of]] from a user of the companion computing device for a first message in a first language not initially supported by said companion device, wherein said request was initiated by the user implementing a digitizer input system of the companion computing device, and wherein the request comprises:

an indicator of the first language;

a second message to be converted into said first message, wherein said second message is provided in a second language; and

display attributes for formatting the first message for display on the companion device;

wherein said second message is one of a plurality of messages stored in at least one database in a plurality of languages that includes said first language, wherein said host computing device has access to said at least one database;

receiving said request for the requested message by said host computing device; and

retrieving said first message in said first language from said database in response to said receipt of said request for message by said host computing device;

retrieving said message in said first language from said database;

converting the requested first message into a bitmap representation—that corresponds to the requested first message in said first language;

transmitting to said companion computing device the bitmap representation of the requested first message for presentation on a display device of said companion computing device in said first language, wherein the requested first message is comprised of comprises at least multiple characters of said first language, wherein the requested first message is formatted for said display device, and wherein such that said companion computing device, without conversion from character codes to graphic elements, is able to present presents the bitmap representation as a full screen image of the requested first message on said display device.

12. (Previously presented) The method of claim 11 wherein the requested message further comprises a character set or a graphic icon.

13. (Previously presented) The method of claim 11 wherein individual ones of a plurality of said databases are each associated with a different one of said specific languages.

14 – 17. (Canceled)

18. (Previously presented) The method of claim 11 wherein said companion computing device stores the bitmap representation transmitted from said host computing device for later use.

19. (Currently amended) The method of claim 11 wherein ~~said companion computing device comprises a the digitizer input system having comprises~~ a pen input device for inputting written information.

20. (Previously presented) The method of claim 11 wherein said requested message is transmitted over a wired or a wireless communication link.

21. (Currently amended) A storage medium having computer readable program instructions embodied therein, said ~~storage medium comprising program instructions enabling a computer to: program instructions for transmitting transmit~~ from a companion computing device ~~to a host computing device~~ a request of a user for a first message in a first language not initially supported by said companion device, wherein said request was initiated by the user implementing a digitizer input system of the companion computing device, and wherein the request comprises:

an indicator of the first language;

a second message to be converted into said first message, wherein said second message is provided in a second language; and

display attributes for formatting the first message for display on the companion device;

wherein said message is one of a plurality of messages stored in at least one database in a plurality of different languages that includes said first language, wherein said host computing device has access to said at least one database;

program instructions for receiving said request for the requested message at said host computing device; and

program instructions, responsive to said receipt of said request for the requested message by said host computing device, for retrieving said requested message in said first language, converting the requested message into a bitmap representation that corresponds to the requested message and transmitting to said companion computing device

receive from the host computing device a bit map representation of the requested message for presentation on a display device of said companion computing device ~~is in~~ said first language, wherein the requested message ~~is comprised of~~ comprises at least multiple characters of ~~an~~ arbitrary language, wherein the requested message is formatted for said display device, and

display the bitmap representation as a full screen image on the display device ~~wherein said companion computing device,~~ without conversion from character codes to graphic elements, ~~presents the bitmap representation of the requested message in said language as a full screen image on said display device.~~

22. (Currently amended) The storage medium of claim 21, wherein the ~~requested~~ first message further comprises a character set or a graphic icon, and wherein said database is associated with said first language.

23. (Previously presented) The storage medium of claim 21, further comprising program instructions for enabling said companion computing device to store the bitmap representation transmitted from said host computing device.

24 - 27. (Canceled)

28. (New) The computing system of claim 1 wherein individual ones of a plurality of said databases are each associated with a different one of said languages.